

INFLUENZA VACCINE PLANNING FORMULA

AGE GROUP	FORMULA	GUESTIMATE # DOSES			TYPE OF VACCINE
		Total (100%)	Public (40%)	Private (60%)	
6 mos up to 24 mos	$\frac{\text{_____}}{(\# \text{ children } 6-23)} \times 2 = \frac{\text{_____}}{(\# \text{ doses})}$				Preservative Free
24 mos up to 3 rd birthday	$\frac{\text{_____}}{(\# \text{ children } 24-35 \text{ mos})} \times \frac{\text{_____}}{(\% \text{ of HR})} \times 2 = \frac{\text{_____}}{(\# \text{ doses})}$				Preservative Free
	Subtotal				Preservative Free
3 yrs up to 9 th birthday	$\frac{\text{_____}}{(\# \text{ children } 3-9 \text{ yrs of age})} \times \frac{\text{_____}}{(\% \text{ HR})} \times \frac{\text{_____}}{(\% \text{ needing } 2 \text{ doses})} = \frac{\text{_____}}{(\# \text{ doses})}$				Fluzone Fluvirin > age 4
9 yrs up to 19 th birthday	$\frac{\text{_____}}{(\# \text{ children } 9-19 \text{ yrs of age})} \times \frac{\text{_____}}{(\% \text{ of HR})} = \frac{\text{_____}}{(\# \text{ doses})}$				Fluzone Fluvirin FluMist
Persons < 19 years of age who are Household Contacts of High-risk person	$\frac{\text{_____}}{(\# \text{ children } 6 \text{ mos to } 19 \text{ years})} - \frac{\text{_____}}{(11\% \text{ HR})} \times \frac{\text{_____}}{(40\%)} \times \frac{\text{_____}}{(10\%)} = \frac{\text{_____}}{(\# \text{ doses})}$				Fluzone Fluvirin FluMist
	TOTAL				

Percentages are based on CDC projections:

40% uptake of vaccine for recommended groups

40% of all children 2-19 years of age will be in a household with a person with a high risk condition

10% uptake of vaccine for household contacts of persons with a high-risk condition

11% of children have a high-risk condition

